MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani/Cement Date: 21/02/2023

1. Test report on cement Concrete Cubes:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	141 Min	Shall Not be less than 30 Min
2.	Final Setting Time	280 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	1.80 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.10 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	28.40 N/Sqmm	Shall not be less than 27 N /Sq mm

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-26

SHRIYA CONSTRUCTION AND CONSULTANCY
MOBILE 9945744759
#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani/Cement

Date: 16/03/2023

1. Test report on cement Concrete Cubes:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	153 Min	Shall Not be less than 30 Min
2.	Final Setting Time	301 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	2.00%	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.00 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	30.50 N/Sqmm	Shall not be less than 27 N /Sq mm

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ.

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-೨೬

SHRIYA CONSTRUCTION AND CONSULTANCY
MOBILE 9945744759
#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani/Cement

Date: 18/04/2023

1. Test report on cement Concrete Cubes:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	155 Min	Shall Not be less than 30 Min
2.	Final Setting Time	273 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	1.95 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.10 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	28.50 N/Sqmm	Shall not be less than 27 N /Sq mm

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು-26

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE 9945744759
#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani/Cement

Date: 09/05/2023

1. Test report on cement Concrete Cubes:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	175 Min	Shall Not be less than 30 Min
2.	Final Setting Time	270 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	1.97 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.13 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	29.55 N/Sqmm	Shall not be less than 27 N /Sq mm

SHRIYA CONSTRUCTION AND CONSULTANCY

SHRIYA CONSTRUCTION AND CONSULTANCY
MOBILE 9945744759
#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani/Cement

Date: 01/06/2023

2. Test report on cement Concrete Cubes:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	161 Min	Shall Not be less than 30 Min
2.	Final Setting Time	275 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	1.90 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.15 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	28.30 N/Sqmm	Shall not be less than 27 N /Sq mm

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-24

SHRIYA CONSTRUCTION AND CONSULTANCY
MOBILE 9945744759
#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani/Cement

Date: 06/06/2023

2. Test report on cement Concrete Cubes:

Sub: Testing of 53 Grade Cement Sample Pertaining to IS: 12269-1987

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

PHYSICAL TESTS ON CEMENT

Grade Of Cement: 53, OPC

Table 1.1

SL No	Name of Tests	Result	As Per IS Requirements (IS 8112-1989)
1.	Initial Setting Time	180 Min	Shall Not be less than 30 Min
2.	Final Setting Time	262 Min	Shall Not be More than 600 Min
3.	Fineness (by dry sieve on IS 90 micron Seieve)	1.95 %	Not to Exceed 10.0 %
4.	Soundness Test by Lee-Chatelier's Method	2.20 mm	Shall not be more than 10 mm
5.	Compressive strength (3 days on average of 3 results	30.22 N/Sqmm	Shall not be less than 27 N /Sq mm

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-26

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

MOBILE 9945744739

NO: BTP- D/PMC/Tani /Cou Agg

Date: 21/02/2023

TEST REPORT ON COURSE AGGREGATES
(GRADATION TEST)

Sub: To conduct tests on Course Aggrigates (Grade-V) mix.

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

1. Gradation Test: **TEST RESULTS**

TABLE 1.1

Sieve Size mm	**Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)**	**Specified Limits as per MoRTH Specifications, V Revision-2013**
53.00	**100.00**	100
45.00	**97.15**	95-100
26.50	**---**	-
22.40	**79.25**	60-80
11.20	**53.40**	40-60
4.75	**36.15**	25-40
2.36	**24.60**	15-30
0.600	**19.35**	8-22
0.075	**3.85**	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು

SHRIYA CONSTRUCTION AND CONSULTANCY
#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.
MOBILE 9945744759

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.80%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.25%**	Not more than 35.0 %
3.	Water absorption, %	**0.40 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-24

MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /Cou Agg

Date: 16/03/2023

TEST REPORT ON COURSE AGGREGATES (GRADATION TEST)

Sub: To conduct tests on Course Aggrigates (Grade-V) mix.

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	94.35	95-100
26.50	---	-
22.40	74.15	60-80
11.20	52.10	40-60
4.75	36.45	25-40
2.36	26.70	15-30
0.600	18.05	8-22
0.075	3.45	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪ ಬೆಂಗಳೂರು-26

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**26.62%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**29.71 %**	Not more than 35.0 %
3.	Water absorption, %	**0.45%**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-೨೬

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /Cou Agg

Date: 16/03/2023

TEST REPORT ON COURSE AGGREGATES (GRADATION TEST)

Sub: To conduct tests on Course Aggrigates (Grade-V) mix.

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	94.35	95-100
26.50	---	-
22.40	74.15	60-80
11.20	52.10	40-60
4.75	36.45	25-40
2.36	26.70	15-30
0.600	18.05	8-22
0.075	3.45	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಕಛೇರಿ
ಬಿಬಿಎಂಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)–1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.61%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**29.85 %**	Not more than 35.0 %
3.	Water absorption, %	**0.42 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /Cou Agg Date: 16/03/2023

TEST REPORT ON COURSE AGGREGATES
(GRADATION TEST)

Sub: To conduct tests on Course Aggrigates (Grade-V) mix.

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	97.15	95-100
26.50	---	-
22.40	79.25	60-80
11.20	53.40	40-60
4.75	36.15	25-40
2.36	24.60	15-30
0.600	19.35	8-22
0.075	3.85	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

MOBILE: 9945744739

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.81%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.33%**	Not more than 35.0 %
3.	Water absorption, %	**0.39 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /Cou Agg Date: 16/03/2023

TEST REPORT ON COURSE AGGREGATES (GRADATION TEST)

Sub: To conduct tests on Course Aggrigates (Grade-V) mix.

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**94.35**	95-100
26.50	**---**	-
22.40	**74.15**	60-80
11.20	**52.10**	40-60
4.75	**36.45**	25-40
2.36	**26.70**	15-30
0.600	**18.05**	8-22
0.075	**3.45**	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-28

SHRIYA CONSTRUCTION AND CONSULTANCY
#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.
MOBILE: 9945744759

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.45%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.66 %**	Not more than 35.0 %
3.	Water absorption, %	**0.44 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಆಯುಕ್ತರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-26

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /Cou Agg

Date: 16/03/2023

TEST REPORT ON COURSE AGGREGATES
(GRADATION TEST)

Sub: To conduct tests on Course Aggrigates (Grade-V) mix.

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**94.35**	95-100
26.50	**---**	-
22.40	**74.15**	60-80
11.20	**52.10**	40-60
4.75	**36.45**	25-40
2.36	**26.70**	15-30
0.600	**18.05**	8-22
0.075	**3.45**	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಧಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-೨೬

MOBILE 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.50%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.50 %**	Not more than 35.0 %
3.	Water absorption, %	**0.40 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

SHRIYA CONSTRUCTION AND CONSULTANCY

SHRIYA CONSTRUCTION AND CONSULTANCY
MOBILE: 9945744759
#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /Fine Agg

Date: 21/02/2023

1. Test report on Fine Aggregates:

Sub: Testing of Fine Aggregates Sample Pertaining to IS: 383-1970 (Reaffirmed 2002).

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

SIEVE ANALYSIS

Table 1.1

IS Sieve Size, mm	% Passing	IS: 383-1970 (Reaffirmed 2002). Percentage Passing			Result/ Remarks
		Zone I	Zone II	Zone III	
4.75mm	95.35	90-100	90-100	90-100	The Sample Conforms Grade II
2.36mm	82.65	60-95	75-100	85-100	
1.18 mm	86.25	30-70	55-90	75-100	
600 micr.	48.90	15.34	35-59	60-79	
300 mic.	23.40	5-20	8-30	12-40	
150 mic.	8.10	0-10	0-10	0-10	

SL No	Name of Tests	Sample	Result	Requirements as per IS: 383-1970 (Reaffirmed 2002).
1.	Bulking Of Sand	01	16.80%	NA
2.	Silt Content	-	.70%	Not more than 8%
3.	Specific Gravity	-	2.60	--

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-24

SHRIYA CONSTRUCTION AND CONSULTANCY
MOBILE: 9945744759
#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO. BTP- D/PMC/Tani /Fine Agg

Date: 16/03/2023

1. Test report on Fine Aggregates:

Sub: Testing of Fine Aggregates Sample Pertaining to IS: 383-1970 (Reaffirmed 2002).

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

SIEVE ANALYSIS

Table 1.1

IS Sieve Size, mm	% Passing	IS: 383-1970 (Reaffirmed 2002). Percentage Passing			Result/ Remarks
		Zone I	Zone II	Zone III	
4.75mm	95.35	90-100	90-100	90-100	The Sample Conforms Grade II
2.36mm	82.65	60-95	75-100	85-100	
1.18 mm	86.25	30-70	55-90	75-100	
600 micr.	48.90	15.34	35-59	60-79	
300 mic.	23.40	5-20	8-30	12-40	
150 mic.	8.10	0-10	0-10	0-10	

SL No	Name of Tests	Sample	Result	Requirements as per IS: 383-1970 (Reaffirmed 2002).
1.	Bulking Of Sand	01	18.00%	NA
2.	Silt Content	-	.65%	Not more than 8%
3.	Specific Gravity	-	2.85	--

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-24

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /Fine Agg

Date: 18/04/2023

1. Test report on Fine Aggregates:

Sub: Testing of Fine Aggregates Sample Pertaining to IS: 383-1970 (Reaffirmed 2002).

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

SIEVE ANALYSIS

Table 1.1

IS Sieve Size, mm	% Passing	IS: 383-1970 (Reaffirmed 2002). Percentage Passing			Result/ Remarks
		Zone I	Zone II	Zone III	
4.75mm	95.35	90-100	90-100	90-100	The Sample Conforms Grade II
2.36mm	82.65	60-95	75-100	85-100	
1.18 mm	86.25	30-70	55-90	75-100	
600 micr.	48.90	15.34	35-59	60-79	
300 mic.	23.40	5-20	8-30	12-40	
150 mic.	8.10	0-10	0-10	0-10	

SL No	Name of Tests	Sample	Result	Requirements as per IS: 383-1970 (Reaffirmed 2002).
1.	Bulking Of Sand	01	17.00%	NA
2.	Silt Content	-	.67%	Not more than 8%
3.	Specific Gravity	-	2.50	--

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-26

MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /Fine Agg

Date: 09/05/2023

1. Test report on Fine Aggregates:

Sub: Testing of Fine Aggregates Sample Pertaining to IS: 383-1970 (Reaffirmed 2002).

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

SIEVE ANALYSIS

Table 1.1

IS Sieve Size, mm	% Passing	IS: 383-1970 (Reaffirmed 2002). Percentage Passing			Result/ Remarks
		Zone I	Zone II	Zone III	
4.75mm	95.35	90-100	90-100	90-100	The Sample Conforms Grade II
2.36mm	82.65	60-95	75-100	85-100	
1.18 mm	86.25	30-70	55-90	75-100	
600 micr.	48.90	15.34	35-59	60-79	
300 mic.	23.40	5-20	8-30	12-40	
150 mic.	8.10	0-10	0-10	0-10	

SL No	Name of Tests	Sample	Result	Requirements as per IS: 383-1970 (Reaffirmed 2002).
1.	Bulking Of Sand	01	17.55%	NA
2.	Silt Content	-	.65%	Not more than 8%
3.	Specific Gravity	-	2.59	--

SHRIYA CONSTRUCTION AND CONSULTANCY

SHRIYA CONSTRUCTION AND CONSULTANCY
MOBILE: 9945744759
#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /WMM Grad

Date: 01-06-2023

TEST REPORT ON WET MIX MACADAM MIX (GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	100.00	100
45.00	97.15	95-100
26.50	---	-
22.40	79.26	60-80
11.20	53.41	40-60
4.75	36.16	25-40
2.36	24.61	15-30
0.600	19.32	8-22
0.075	3.82	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-26

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

TABLE 1.2

Sl No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.90%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.30%**	Not more than 35.0 %
3.	Water absorption, %	**0.40 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

ಸಹಾಯಕ ಅಧಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-26

SHRIYA CONSTRUCTION AND CONSULTANCY
MOBILE: 9945744759
#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /WMM Grad

Date: 01-06-2023

TEST REPORT ON WET MIX MACADAM MIX (GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**94.36**	95-100
26.50	**---**	-
22.40	**74.14**	60-80
11.20	**52.15**	40-60
4.75	**36.40**	25-40
2.36	**26.71**	15-30
0.600	**18.04**	8-22
0.075	**3.43**	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-೨೬

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

TABLE 1.2

SL No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.48%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.65 %**	Not more than 35.0 %
3.	Water absorption, %	**0.42 %**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಗುಣಮಟ್ಟ ನಿಯಂತ್ರಣದ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ನಿಯಂತ್ರಣದ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-24

MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /WMM Grad Date: 06-06-2023

TEST REPORT ON WET MIX MACADAM MIX (GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**98.40**	95-100
26.50	**---**	-
22.40	**71.15**	60-80
11.20	**53.25**	40-60
4.75	**32.65**	25-40
2.36	**24.95**	15-30
0.600	**18.30**	8-22
0.075	**4.15**	0-5

TABLE 1.2

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-26

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Sl No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.60%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.35 %**	Not more than 35.0 %
3.	Water absorption, %	**0.42%**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

ಸಹಾಯಕ ಅಧಿಯರವರು
ನಿಡಿಎಂಎ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು-26

MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

Sl No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)-1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1.	Aggregate Impact Value	**27.60%**	Not more than 30.00 %
2.	Combined Flakiness and Elongation index, %	**28.35 %**	Not more than 35.0 %
3.	Water absorption, %	**0.42%**	Not more than 2.0 %
4.	Plasticity Index, %	**NP**	Not more than 6.0 %

ಸಹಾಯಕ ಆಧಿಯರಕ್ಷಕರು
ನಿಡಿಎಂಎ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು-26

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /WMM Grad

Date: 06-06-2023

TEST REPORT ON WET MIX MACADAM MIX (GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**95.45**	95-100
26.50	**---**	-
22.40	**70.15**	60-80
11.20	**54.25**	40-60
4.75	**35.90**	25-40
2.36	**23.05**	15-30
0.600	**17.25**	8-22
0.075	**3.50**	0-5

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-28

MOBILE: 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

TABLE 1.2

Sl No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)–1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1	Aggregate Impact Value	**27.10%**	Not more than 30.00 %
2	Combined Flakiness and Elongation index, %	**29.00 %**	Not more than 35.0 %
3	Water absorption, %	**0.40 %**	Not more than 2.0 %
4	Plasticity Index, %	**NP**	Not more than 6.0 %

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-೨೫

SHRIYA CONSTRUCTION AND CONSULTANCY

SHRIYA CONSTRUCTION AND CONSULTANCY
MOBILE: 9945744759
#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /WMM Grad

Date: 06-06-2023

TEST REPORT ON WET MIX MACADAM MIX (GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, V Revision-2013
53.00	**100.00**	100
45.00	**95.10**	95-100
26.50	**---**	-
22.40	**72.35**	60-80
11.20	**54.80**	40-60
4.75	**31.55**	25-40
2.36	**25.30**	15-30
0.600	**18.90**	8-22
0.075	**3.15**	0-5

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-26

SHRIYA CONSTRUCTION AND CONSULTANCY
MOBILE 9945744759
#1133 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

TABLE 1.2

Sl No	Test conducted	Test Results	Tests Conforms to IS 2386(Part I to IV)- 1963 (Reaffirmed on 2002) & Requirements as per IS:383-1970 & M.o.R.T.H Specification, V Revision -2013.
1	Aggregate Impact Value	**26.70%**	Not more than 30.00 %
2	Combined Flakiness and Elongation index, %	**28.50%**	Not more than 35.0 %
3	Water absorption, %	**0.44 %**	Not more than 2.0 %
4	Plasticity Index, %	**NP**	Not more than 6.0 %

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಮಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಉಪಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-೨೬

SHRIYA CONSTRUCTION AND CONSULTANCY
MOBILE 9945744759
#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /DRN. Slab

Date: 10/07/2023

Precast Drain Slab 100mm Thick (Core Cutting Method) Test Report

Sub: Testing of Concrete Drain Slab (Core Cutting Method) – Compressive Strength

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

CORE SPECIMENS

Grade Of concrete: **M20**

Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1

Dia of Specimens: 50 mm =D

Height of core H/mm	Weight of Core (KG)	Dencity of core (KG/m3)	H/D	Correction factor of H/D	Load KN	Compressive Strength- N/mm2	Correction Factor for dia (Strength x1.08)	Corrected Compressive Strength	Equavenent Cube Compressive Strength
81	.355	2317.9	1.56	.960	34.5	17.57	18.98	18.22	22.91
80	.368	2342.7	1.60	.960	35.6	18.13	19.58	18.80	23.42
82	.382	2372.5	1.64	.960	33.2	16.91	18.26	17.53	21.91

SHRIYA CONSTRUCTION AND CONSULTANCY

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SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /DRN. Slab Date: 19/07/2023

Precast Drain Slab 100mm Thick (Core Cutting Method) Test Report

Sub: Testing of Concrete Drain Slab (Core Cutting Method) – Compressive Strength

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

CORE SPECIMENS

Grade Of concrete: **M20**

Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1

Dia of Specimens: 50 mm =D

Sl. No	Height of core (H)mm	Weight of Core (KG)	Dencity of core (KG/m3)	H/D	Correction factor of H/D	Load KN	Compressive Strength-N/mm2	Correction Factor for dia (Strength x1.08)	Corrected Compressive Strength	Equavenent Cube Compressive Strength
1.	78	.355	2317.9	1.56	.960	34.5	17.57	18.98	18.22	22.70
2	80	.368	2342.7	1.60	.960	35.6	18.13	19.58	18.80	23.51
3.	82	.382	2372.5	1.64	.960	33.2	16.91	18.26	17.53	21.90

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಭಿಯಂತರರು
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ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರ
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-೨೬

SHRIYA CONSTRUCTION AND CONSULTANCY
MOBILE: 9945744759
#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /CUL. Slab

Date: 19/07/2023

Precast Culvert Slab 230mm Thick (Core Cutting Method) Test Report

Sub: Testing of Concrete Culvert Slab (Core Cutting Method) – Compressive Strength

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

CORE SPECIMENS

Grade Of concrete: **M20**

Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1

Dia of Specimens: 100 mm =D

	Height of core (H)mm	Weight of Core (KG)	Dencity of core (KG/m3)	H/D	Correction factor of H/D	Load KN	Compressive Strength-N/mm2	Correction Factor for dia (Strength x1.08)	Corrected Compressive Strength	Equavenent Cube Compressive Strength
1.	170	3.118	2335.2	1.70	.960	142.5	18.14	19.60	18.81	23.51
2.	173	3.231	2377.9	1.73	.960	138.6	17.65	19.06	18.30	22.87
3.	175	3.291	2394.4	1.75	.960	140.3	17.86	19.29	18.52	23.15

SHRIYA CONSTRUCTION AND CONSULTANCY

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MOBILE 9945744759

HRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /KERB

Date: 10/07/2023

KerbStone (Core Cutting Method) Test Report

Sub: Testing of concrete Kerb Stones (Core Cutting Method) – Compressive Strength)

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

CORE SPECIMENS

Grade Of concrete: **M20**

Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1

Dia of Specimens: 50 mm =D

ight core m	Weig ht of Core (KG)	Dencit y of core (KG/ m3)	H/ D	Correcti on factor of H/D	Load KN	Compre ssive Strength - N/mm2	Correcti on Factor for dia (Strengt h x1.08)	Correcte d Compre ssive Strength	Equave nent Cube Compre ssive Strength
78	.354	2311.4	1.56	.960	26.3	13.39	14.47	13.39	17.31
80	.368	2342.7	1.60	.960	26.3	13.39	14.47	13.39	17.33
82	.382	2372.5	1.64	.960	25.10	12.78	13.81	13.25	16.55

SHRIYA CONSTRUCTION AND CONSULTANCY

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ಬಿಬಿಎಂಪಿ ಬೆಂಗಳೂರು-26

MOBILE 9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

NO: BTP- D/PMC/Tani /KERB

Date: 10/07/2023

KerbStone (Core Cutting Method) Test Report

Sub: Testing of concrete Kerb Stones (Core Cutting Method) - Compressive Strength)

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

RESULTS OF COMPRESSIVE STRENGHT OF CONCRETE CORE

CORE SPECIMENS

Grade Of concrete: **M15**

Technical Ref:. IS.516-1959 (Reaffirmed), Sp 24-1983.

Table 1.1

Dia of Specimens: 50 mm =D

Height of core (H)mm	Weight of Core (KG)	Dencity of core (KG/m3)	H/D	Correction factor of H/D	Load KN	Compressive Strength - N/mm2	Correction Factor for dia (Strength x1.08)	Corrected Compressive Strength	Equavenent Cube Compressive Strength
78	.354	2311.4	1.56	.960	26.3	13.39	14.47	13.39	17.30
80	.368	2342.7	1.60	.960	26.3	13.39	14.47	13.39	17.15
82	.382	2372.5	1.64	.960	25.10	12.78	13.81	13.25	16.50

SHRIYA CONSTRUCTION AND CONSULTANCY

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ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬೆಂಗಳೂರು-26

MOBILE:9945744759

SHRIYA CONSTRUCTION AND CONSULTANCY

#1133, 3rd Floor, 3rd Stage, 'B' Cross, Yelahanka New Town Bangalore 560064.

RESULTS OF PHYSICAL PROPERTIES OF TMT STEEL

SPECIMENS 8 & 10 mm ,DIA

Date of Testing : 01/04/2023

Grade Of Steel: **Fe 500.**
Technical Ref: IS.1786:2008, IS 1608:2005, IS 1599:1985(Reaffined-2006).

Table

SL No	Grade	Nominal Size of Rebar (Dia)	Mass (KG/meter)	Tensile Strength		
				20% Proof Stress / Yeild Stress (N/mm2)	Tensile Strength (N/mm2)	Elongation Percent on gauge Length
1.	Fe 500	8 mm	.395	530	530	13.60
2.	Fe 500	10mm	.61	555	570	14.75
3.	Fe 500	12mm	.89	560	590	14.50

Name of Work :- CONSTRUCTION OF DRAINS AND CULVERTS IN THANISANDRA VILLAGE AND SARAIPALYA AND SURROUNDING AREAS IN WARD NO. 06, NEW WARD NO. 07.

Ref: Material Testing/PMC/22-23.

Report submitted to: Assistant Executive Engineer, Byatarayanapura Division, BBMP Bangalore.

Name of Agency/ contractor: M/s Sri K Lakshmi Narayan Reddy.

SHRIYA CONSTRUCTION AND CONSULTANCY

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪ ಬೆಂಗಳೂರು-24